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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: 6/11/04 ✓ Name: Gustavo Siller, Jr.

Signature:

BRINKS  
HOFER  
GILSON  
& LIONE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Takeo Suzuki et al.

Appln. No.: 10/627,836

Filed: July 24, 2003

For: DIRECT CONVERSION CIRCUIT  
CAPABLE OF ELIMINATING DISTORTION  
OF BASE BAND SIGNALS

Attorney Docket No: 9281-4612

Examiner: Edward F. Urban

Art Unit: 2685

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Transmittal Letter (in duplicate), Supplemental Information Disclosure Statement, PTO-1449, Copy of Search Report for European Patent Application No. 03254872.9 and cited references
- ☒ Return Receipt Postcard

Fee calculation:

- ☐ No additional fee is required.
- ☐ An extension fee in an amount of \$\_\_\_ for a \_\_\_-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_).
- ☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$9=			x \$18=	
Indep.		Minus			x 43=			x \$86=	
First Presentation of Multiple Dep. Claim					+\$145=			+\$290=	
					Total	\$		Total	\$

Fee payment:

- ☐ A check in the amount of \$\_\_\_ to cover the above-identified fee(s) is enclosed.
- ☐ Please charge Deposit Account No. 23-1925 in the amount of \$ . A copy of this Transmittal is enclosed for this purpose.
- ☐ Payment by credit card in the amount of \$\_\_\_ (Form PTO-2038 is attached).
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

Date

6/11/04

Gustavo Siller, Jr. (Reg. No. 32,305)  
Customer No. 00757



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Date of Deposit

Gustavo Siller, Jr., Reg. No. 32,305

Name of Applicant, Assignee or  
Registered Representative

[Signature]  
Signature

Our Case No. 9281-4612  
Client Reference No. S US02146

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Takeo Suzuki et al. )  
Serial No. 10/627,836 )  
Filing Date: July 24, 2003 )  
For: DIRECT CONVERSION CIRCUIT CAPABLE )  
OF ELIMINATING DISTORTION OF BASE )  
BAND SIGNALS )

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sir:

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicants hereby submit references B1-B3 listed on the attached form PTO-1449 for consideration by the Examiner. Copies of the references are enclosed herewith.

In conformance with 37 C.F.R. 1.97, Applicants state that each item of information contained herein was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the supplemental information disclosure statement. Also enclosed is a copy of the

European Search Report that issued on April 5, 2004 for the corresponding European Patent Application No. 03254872.9 of the above-identified application.

The filing of this Supplemental Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicants reserve the right to contest these references as prior art against the present application, and Applicants do not believe that the disclosure of these references, even if finally determined to be prior art, anticipates Applicants' invention or that these references make Applicants' invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicants respectfully request that the Examiner review the entire disclosure of these documents and make them of record.

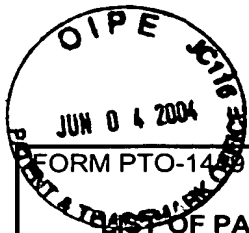
Respectfully submitted,



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FORM PTO-1448

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT**

(use several sheets if necessary)

SERIAL NO.

10/627,836

CASE NO.

9281-4612

FILING DATE

July 24, 2003

GROUP ART UNIT

2685

APPLICANT(S): Takeo Suzuki et al.

**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	B1	6,192,225	02/2001	Domenico Arpaia et al.		

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
	B2	EP 0 877 476	11/1998	EPO		X	
	B3	EP 1 233 526	08/2002	EPO		X	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.